



*(Knowledge for Development)*

**KIBABII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**2019/2020 ACADEMIC YEAR**

**SECOND YEAR SECOND SEMESTER**  
**SPECIAL/SUPPLEMENTARY EXAMINATIONS**

**FOR THE DEGREE OF BACHELOR OF (SCIENCE IN BIORESOURCE  
MANAGEMENT AND CONSERVATION)**

**COURSE CODE: SBC 224**

**COURSE TITLE: STRUCTURE AND FUNCTION OF WILDLIFE  
HABITAT**

**DATE:** 11<sup>th</sup> Feb, 2021

**TIME:** 8.00 - 10.00 AM

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**INSTRUCTIONS TO CANDIDATES**

Answer Question one (1) and any other two (2) Questions. Question one is compulsory and carries 30 marks, the other Questions carry 20 marks each.

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

### **QUESTION ONE**

- a. Describe habitat requirements for reptiles (5 marks)
- b. State and explain the main factors that determine habitat preference. (5 marks)
- c. Explain the approaches to invasive species control in a habitat. (5 marks)
- d. Explain the impacts of fire on wildlife. (5 marks)
- e. Outline the principles behind innovative approaches to management of large herbivores in a park. (5 marks)
- f. Describe savannah grasslands habitat characteristics. (5 marks)

### **QUESTION TWO**

Discuss the main causes of wildlife habitat damage (20 marks)

### **QUESTION THREE**

(20 marks)

Discuss the biotic and abiotic factors influencing wildlife populations in protected areas.

### **QUESTION FOUR**

Discuss approaches to habitat improvements and restoration (20 marks)

### **QUESTION FIVE**

Discuss the wildlife habitat management on the private lands; (20 marks)